

# ABSTRACT

A magnetic recording apparatus which, even when crosstalk occurs between signals from three photosensitive parts of a photodetector, can detect a high-precision tracking error signal with stability. In a signal processing unit which processes electrical signals outputted from a photosensitive part of a photodetector to detect a tracking error signal, an output signal from an I-V converting unit is subjected to voltage division by voltage-dividing units, and voltage-divided output signals and output signals from I-V converting units are subjected to differential calculation by differential arithmetic units, respectively.